

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/002914

A. CLASSIFICATION OF SUBJECT MATTER**IPC7 B82B 3/00**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

B82B 3/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and application for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

KIPASS, PAJ, USP

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 11-255602 A (NIPPONSODA Co.Ltd.) 21 Sep. 1999 See the whole document	1-18
A	US 6,264,933 B1 (L'Oreal S.A.) 24 Jul. 2001 See the whole document (especially, abstract and claims 1-43)	1-18
A	JP 7-184556 A (TAKEDA SHOKUHI KOGYO KK, SANKI SHOJI KK) 25 Jul. 1995 See the whole document	1-18
A	JP 3-30603 A (ASANOHIROYOSHI) 8 Feb. 1991 See the whole document	1-18

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family


Date of the actual completion of the international search

15 FEBRUARY 2005 (15.02.2005)

Date of mailing of the international search report

23 FEBRUARY 2005 (23.02.2005)

Name and mailing address of the ISA/KR



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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/KR2004/002914

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 11-255602 A	21/09/1999	NONE	
US 6,264,933 B1	24/07/2001	FR 2787318 B1 US 6264933 BA JP 2000191444 A2 EP 1013256 B1 DE 69900362 T2 BR 9906207 A	11/10/2002 24/07/2001 11/07/2000 17/10/2001 02/05/2002 19/12/2000
JP 7-184556 A	25/07/1995	US 5750183 A	12/05/1998
JP 3-30603 A	08/02/1991	NONE	